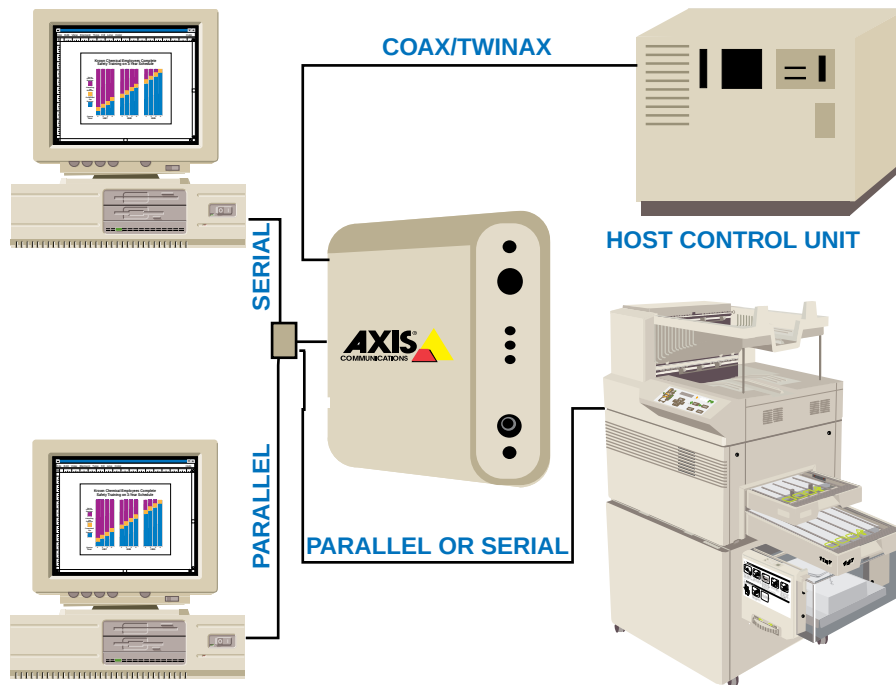


Printer Protocol Converters



Protocol Converters for IBM 3270/5250 Printers

The QMS Crown® family of printers can now seamlessly connect to IBM® systems with the use of reliable, compact protocol converters from AXIS® Communications. The combination of QMS and AXIS products provide a transparent interface for users while giving them access to the enhanced print capabilities available through Crown print systems.

The AXIS AX-7 COBRA+ provides ASCII coax connection to IBM 3270 mainframe systems; and the AX-3 COBRA+ provides twinax ASCII connection to IBM AS/400 and S/3X midrange systems. AXIS products provide a full feature set including user-editable printer drivers and transparent data pass-through.

Additionally, the AX-7 COBRA+ provides job separation, bar codes, and printing of GDDM color graphics.

The AX-3 COBRA+ provides bar codes, BGU/APF graphics, and IBM 3812/3816 laser emulation with COR, duplex, and FGID font selections.

Both offer automatic switching between parallel and serial inputs making it easy to share QMS Crown print systems shared among multiple PCs.

Configuration for the AX-7 COBRA+ protocol converter is easily made from the nearest 3270 terminal and for the AX-3 COBRA+ converter from the nearest 5250 terminal. Set-up menus guide you through the configuration process. Or if you prefer, the host can be used to download configuration.

QMS and AXIS Communications, a powerful partnership providing seamless connectivity and superior Crown printing for the IBM environment.

FEATURES & BENEFITS

- Parallel and serial printer connections.
- Industry standard bar codes with print adjustment for improved readability.
- Multi-host sharing via parallel and serial inputs.
- Menu-driven configuration from a terminal or via commands from the system.
- Compact size and ergonomic design for easy installation and mounting.

Additional AXIS AX-7Cobra+ Features:

- User-programmable printer drivers with editable command and character translation with up to 255 User Definable Strings and 127 ASCII String Substitutions.
- DPC connector for attachment to IBM Cabling System without using baluns.

Technical Specifications

HARDWARE

- Size – (WxDxH) 3.5" x 4" x 1" (90mm x 100mm x 25mm).
- Weight – .55 lbs. (.25 kg).
- Power Requirements — Max 170mA@5VDC via printer or 9VAC/12VDC via ext. power supply.

ENVIRONMENTAL

- Temperature Requirements – 41° - 104° F (5° - 40° C)
- Humidity – 20% - 80% non-condensing

REGULATORY/SAFETY CONFORMITY

- FCC 15J Class A, VDE 0871 Limit B and CISPR22
- UL, CSA, TUV/GS, BS, SAA, and CENELEC

Ax-7 Cobra+

Technical Specifications

Host Environments

IBM S/370, S/390
IBM 30xx,43xx,47xx,937x
IBM 81xx and AS/400 via 3x74 Controller

Attachments

IBM 3174 Controller
IBM 3274 and 3276 type A Controller
IBM 8775 Display Terminal
IBM 4300 Printer Adapter
IBM 9370 Subsystem Controller
IBM 3299 Multiplexor
Equivalent PCM Controllers

Printer Emulations

IBM 3287 Model 1 and 2C
IBM 3268 Model 1 and 2
IBM 4214 Model 1
IBM 3262 Model 1
IBM 4224 Model 2 (non-IPDS)

IBM Features

All IBM CECF national Languages
All IBM RPQs
EAB (APL2/Text, color and graphics)
Page Presentation Media
Query Reply and Structured Fields
Page Rotation

Additional Features

Bar codes: EAN 8,EAN 13, UPC A, Code 39, Interleaved 2/5 and Codabar Matrix
Transparency pass-thru
Parallel and serial PC sharing
255 User definable Strings
127 ASCII String Substitutions
Computer Output Reduction

Printer Connection

Centronics Parallel and serial RS-232C

Ax-3 Cobra+

Technical Specifications

Attachments

IBM AS/400, S/34, S/36 and S/38
IBM 5259 Migration Data Link
IBM 5251 Model 12 Controller
IBM 5294 Controller
IBM 5394 Controller

IBM Features

All IBM national Languages
Virtual Printer PC/Support
LAC graphics for BGU/APF
Multi-bin support
FGID font support
Computer Output Reduction
Page Rotation
Duplex

Additional Features

Bar codes: EAN 8,EAN 13, UPC A, Code 39, Interleaved 2/5 and Codabar Matrix
Transparency pass-thru
Scalable fonts support
Parallel and serial PC sharing

Printer Connection

Centronics Parallel and serial RS-232C

Printer Emulations

IBM 3812/3816/5219 (laser driver)
IBM 4214 Model 2
IBM 5256
IBM 5224
IBM 5225

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